Figure 1

Trading Partners of the Consumer Goods Industry
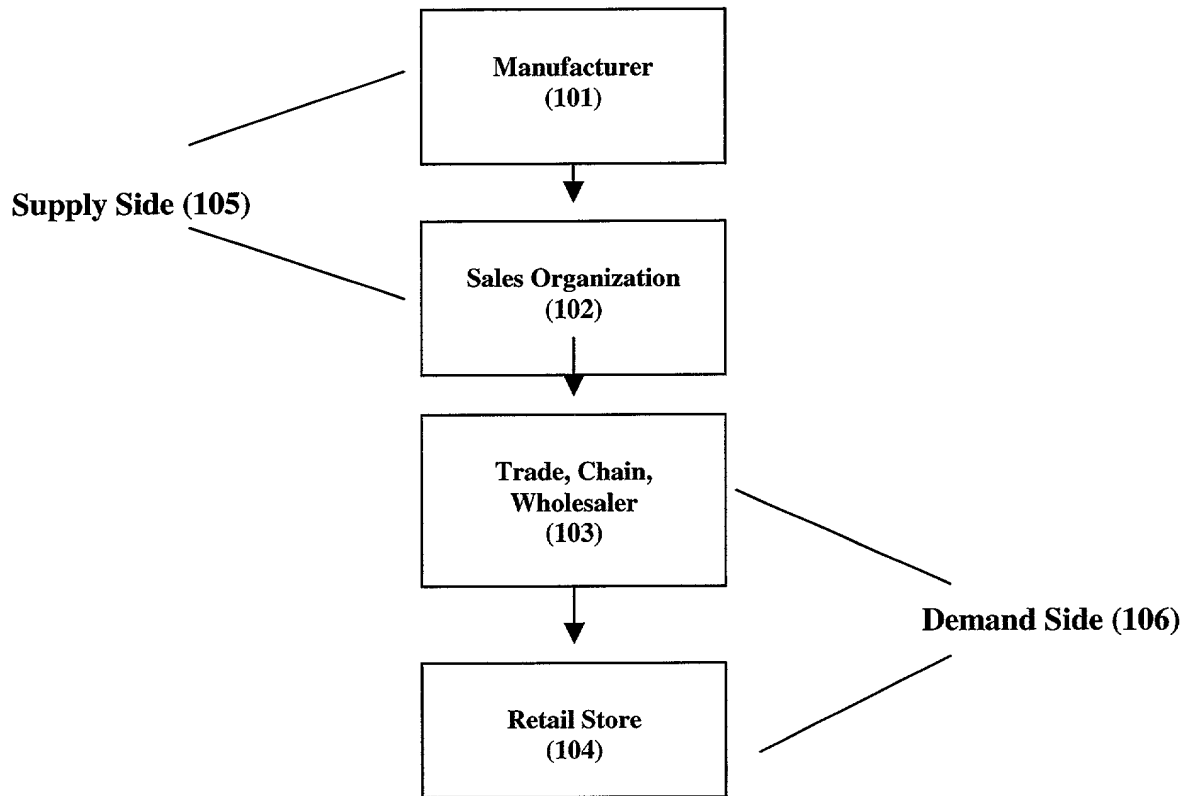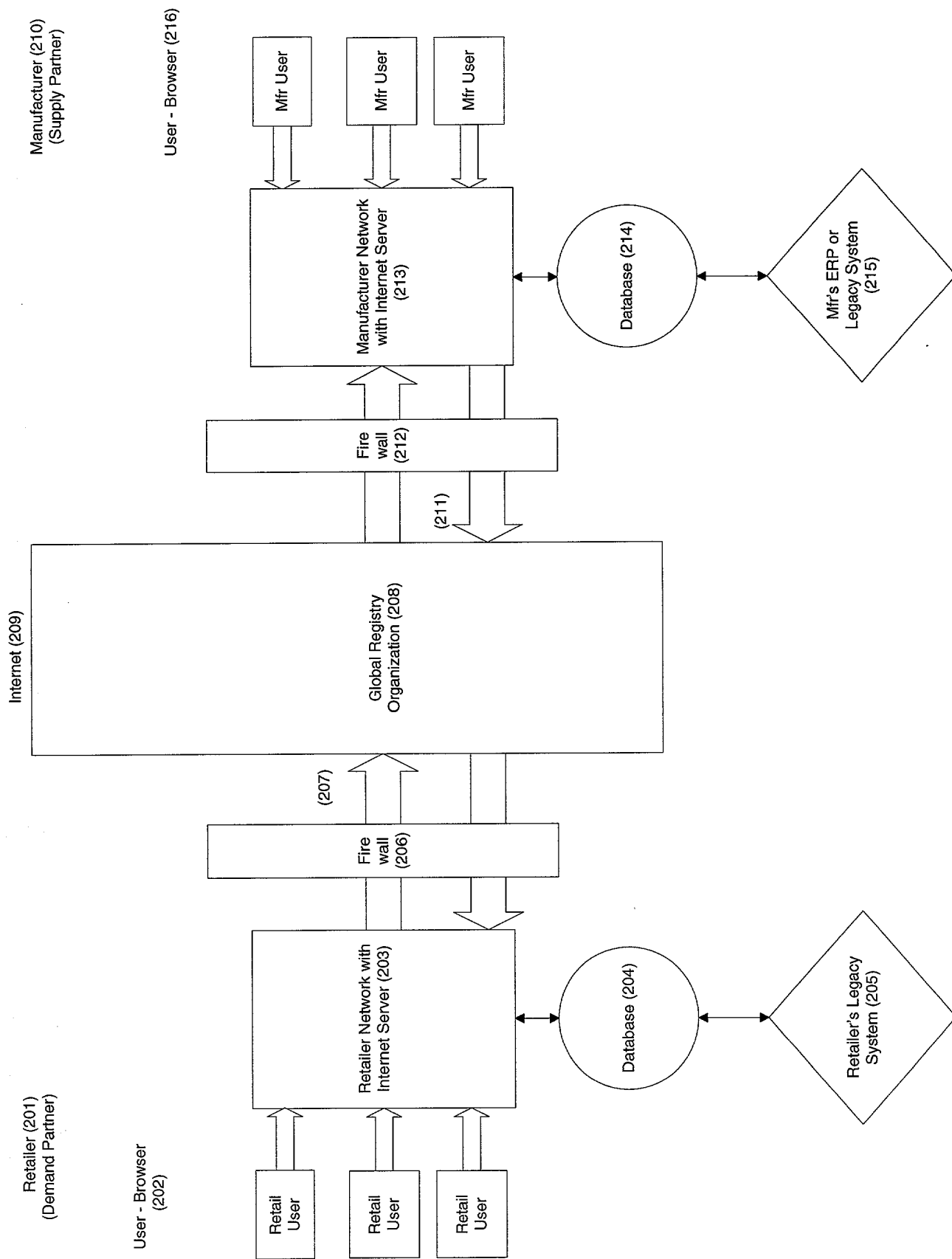
```
                        ┌─────────────────────┐
                        │     Manufacturer    │
                        │        (101)        │
                        └─────────────────────┘
                                  │
                                  ▼
                        ┌─────────────────────┐
Supply Side (105)       │  Sales Organization │
                        │        (102)        │
                        └─────────────────────┘
                                  │
                                  ▼
                        ┌─────────────────────┐
                        │    Trade, Chain,    │
                        │     Wholesaler      │          Demand Side (106)
                        │        (103)        │
                        └─────────────────────┘
                                  │
                                  ▼
                        ┌─────────────────────┐
                        │     Retail Store    │
                        │        (104)        │
                        └─────────────────────┘
```

FIGURE 2

Retailer (201)
(Demand Partner)

Manufacturer (210)
(Supply Partner)

User - Browser
(202)

User - Browser (216)

Internet (209)

Mfr User

Mfr User

Mfr User

Manufacturer Network
with Internet Server
(213)

Fire
wall
(212)

(211)

Global Registry
Organization (208)

Database (214)

Mfr's ERP or
Legacy System
(215)

(207)

Fire
wall
(206)

Retailer Network with
Internet Server (203)

Retail
User

Retail
User

Retail
User

Database (204)

Retailer's Legacy
System (205)

Extended Dataflow

Figure 3

Supplier

Item Master (Legacy)

Message Assembly 305

Basic / Generic Attributes | Extended Attributes

Global Registry Basic / Generic Attributes 307

Publish 306
ED 306

EDD 304

ED 308
Publish 308

Basic / Generic Attributes 301
Extended Attributes 302

Retailer 303

EDIT ID "0" EE5001
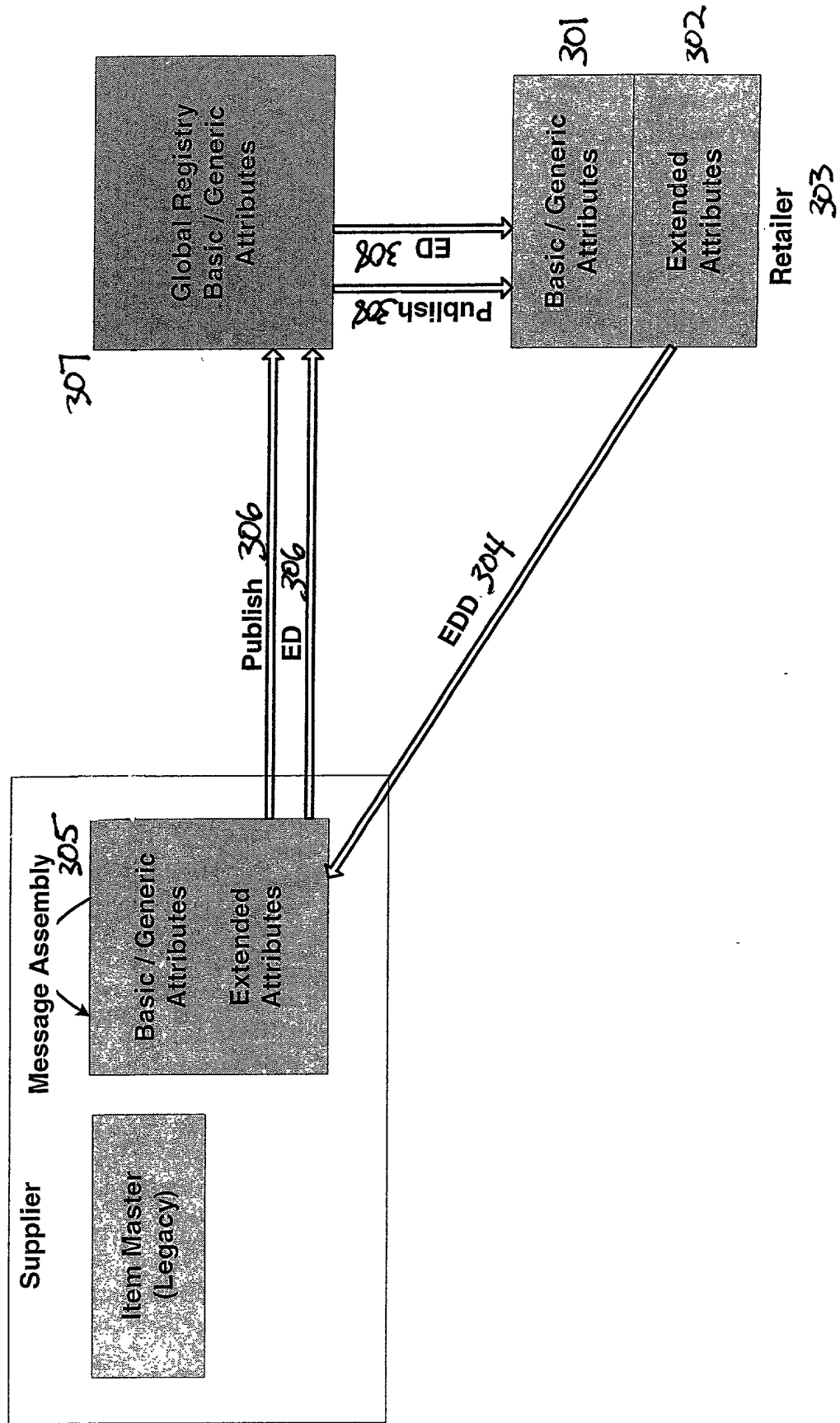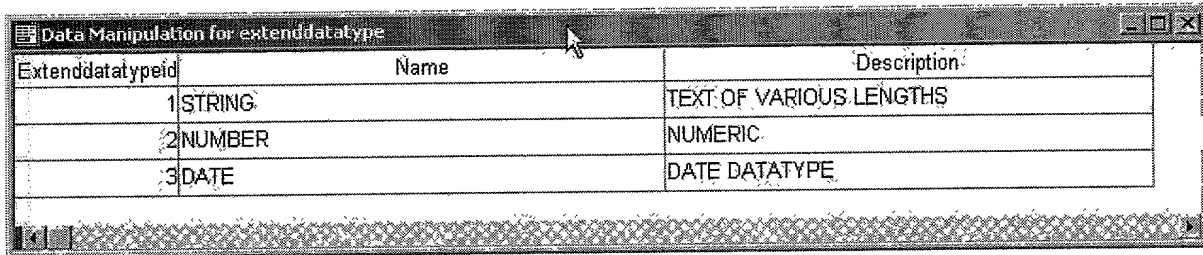
Data Manipulation for extenddefinition

Extenddefinitionid	Name (40)	Datatypeid	Description (403)	Length	Entitytypeid (404)	Req (40S)	Tpid
4	Max Temp	2	maximum temperature	0	5	Y	
2	Boiling Point	2	boiling point of liquid	0	1	Y	
1	Tare Weight	2	Tare weight	0	1	Y	
3	Stackable Height	2	Stackable Height	0	1	Y	
7	Freezing Point	2	new and improved 2	0	1	N	
5	Freezer Temperature	2	Freezer Temperature	0	1	Y	
11	Flash Point	3	new and improved 2	0	1	Y	
21	Min Temp	3	for date	0	1	N	
25	Product Freezing Point	2	Product Freezing Point for product Category	0	4	Y	1
26	Product Boiling Point	2	Product Boiling Point for product category	0	4	Y	1
27	Alcohol Content	2	The Alcohol Content in Percent	0	1	N	1
28	Max. Alcohol Content	2		0	1	N	1
31	Net Color	1	the net color of an item reqd	50	1	N	1
29	$ per ounce	2	cents per ounce	0	1	N	1
30	Max Alcohol Content	1	Max Alcohol Content	100	4	Y	1
32	Min Alcohol Content	2	The minimum amount of Alcohol	0	1	N	1
33	Iron Content	1	How much iron in the product	25	1	Y	1
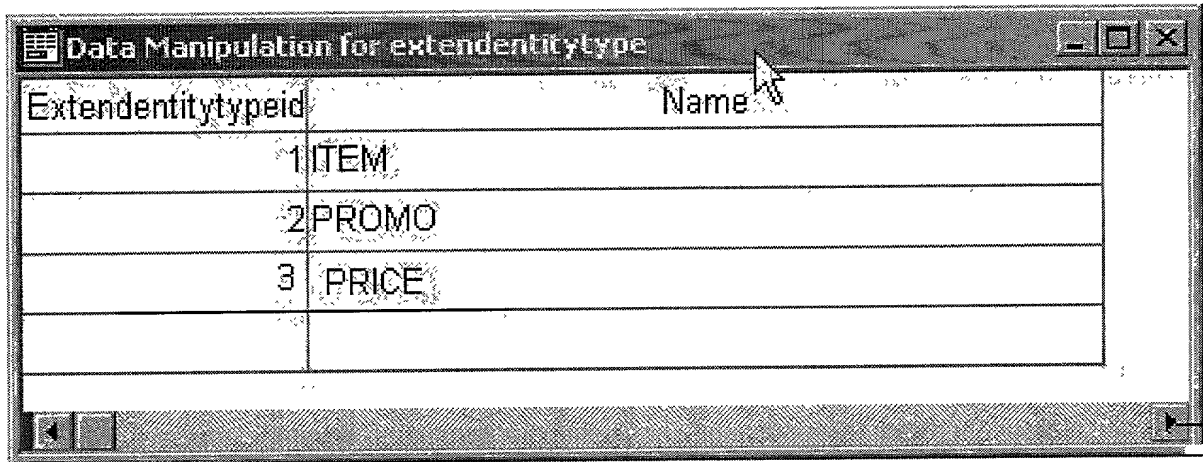
Figure 4B

Extenddatatypeid	Name	Description
1	STRING	TEXT OF VARIOUS LENGTHS
2	NUMBER	NUMERIC
3	DATE	DATE DATATYPE

Data Manipulation for extenddatatype

Figure 4C

Extendentitytypeid	Name
1	ITEM
2	PROMO
3	PRICE

Figure 4D

406   407   408

409

EXTENDVALUESID	DEFINITIONID	VALUE	ENTITYID
39	2	100C	296
40	2	23 23 65	671
41	4	5	689
1	1	36 lbs	561
2	5	-15 F	561
42	4	986566	690
43	2	6	690
44	1	65	690
45	3	56	690
46	7	5	690
37	4	extra	531
47	5	56	690
48	11	56	690

FIGURE 5A

501

Vista Retail   **ABC Foods**

Messages | Categories | Publications | Setup | Trading Partner | Org Units | Tools | Logout

Extended Data Maintenance - Add, Update

502

Add New

Change sort entity type: ITEM

Name	Data Type	Length	Description	Required
Alcohol Content	STRING	12	Alcohol Content	Y
Boiling Point	NUMBER	0	Boiling Point of Liquid	Y
Max Temp	NUMBER	0	Maximum Temperature	Y

FIGURE 5B

601

Vista Retail						ABC Foods

Messages | Categories | Publications | Setup | Trading Partner | Org Units | Tools | Logout

Vista SA - Publicati Create New Publication
View Publications
View My Kiosk Items

Add New

ID	Type	Trading Partner	Date Created	Date Published	Status	Delete
424	New Item Publication	Vista SA	10/15/2001 3:13:22 PM	Not Published	Pending Submittal	☒
427	New Item Publication	Vista SA	10/17/2001 2:46:29 PM	Not Published	Pending Submittal	☒

602

603

FIGURE 6B

FIGURE 6C

610

Vista Retail

ABC Foods

Messages | Categories | Publications | Setup | Trading Partner | Org Units | Tools | Logout

Vista SA - Publication 430

To create new items,
Select Product Category...
Categories: CHILLED/REFRIGERAT ▾

611 {

Item Attributes

Publication | Basic | Extended

Extended Data Definitions

Alcohol Content   0   Boiling Point   100

Max Temp   70

All definition values are required.

612